

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY  
EUROPEAN PATENT OFFICE, THE HAGUE

Applicant : KENT STATE UNIVERSITY  
International Application No. : PCT/US00/24025  
International Filing Date : September 01, 2000  
Priority Date Claimed : September 03, 1999  
Title : Fabrication of Aligned Liquid Crystal  
Cell/Film by Simultaneous Alignment and  
Phase Separation  
Authorized Officer : P. Diot

Via Facsimile / Mail Confirmation: 011-31-70-340-3016  
European Patent Office  
P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk - Pays Bas  
NETHERLANDS


TRANSMITTAL SHEET

Enclosed are the following documents:

Response to Written Opinion (5 pages)  
Replacement Sheets for pages 3 and 16-20 (9 pages)  
EPO Form 1037

Respectfully submitted,

Dated: 26 October 2001

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**RESPONSE TO WRITTEN OPINION**

Dear Sir or Madam:

In response to the PCT Written Opinion dated 27 July 2001, the Applicants, through their attorney, reply as follows.

**REMARKS**

We note the non-establishment of opinion with regard to novelty, inventive step and industrial applicability regarding claims 14 and 15 in Section III. We also note that the Written Opinion stated that an opinion could not be drawn with regard to the nucleotide and/or amino acid sequence listing (Section III, item 2). The later statement was obviously made in error given the subject matter of the present invention. Correction in this regard is respectfully requested.

Regarding Section V, the Examiner rejected claims 1 and 25 as lacking novelty over reference D1. Reference D1 discloses a polymer dispersion type liquid crystal element. In such a device, liquid crystal droplets are dispersed a polymer medium in 3 dimensions (reference D1, column 1, lines 16-20). In contradiction, the present